

## COLORADO RIVER BASIN

## 09404222 SPENCER CREEK NEAR PEACH SPRINGS, AZ

**LOCATION**--Lat 35°48'03", long 113°39'29", in NE<sub>1/4</sub>SW<sub>1/4</sub>NE<sub>1/4</sub> sec. 22, T.13 W., R.28 N., Mohave County, Hydrologic Unit 15010005, on the Hualapai Reservation, on the left bank, about 2 mi upstream from the mouth.

**DRAINAGE AREA**--Undetermined.

**PERIOD OF RECORD**--Mar. 1998 to current year.

**GAGE**--Water-stage recorder. Elevation of gage is 1,620 ft above sea level, from topographic map.

**REMARKS**--Records poor.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge, 2,250 ft<sup>3</sup>/s, Aug. 30, 1999, gage height, 10.74 ft, from highwater mark; minimum daily discharge, 0.43 ft<sup>3</sup>/s, July 14, 2004.

**EXTREMES FOR CURRENT YEAR**--Peak discharges greater than base discharge of 300 ft<sup>3</sup>/s and (or) maximum (\*):

	Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)		Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
	Oct. 28.....	0000	681	9.46		Feb. 12 .....	0915	690	9.48
	Nov. 8 .....	0615	*1,150	*10.28		Feb. 20 .....	0000	746	9.59

Minimum daily discharge, 0.58 ft<sup>3</sup>/s, Oct. 1–19, 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.58	1.1	0.93	1.6	e21	e60	49	44	39	27	17	17
2	0.58	0.99	0.80	1.6	e21	e59	49	44	39	26	16	17
3	0.58	0.98	0.76	1.6	20	59	49	44	38	26	16	16
4	0.58	0.92	0.88	e1.6	21	57	49	44	38	26	17	16
5	0.58	0.87	0.93	e1.6	22	58	49	43	38	26	17	16
6	0.58	0.84	0.98	e1.6	22	60	49	43	38	25	17	15
7	0.58	1.8	1.4	e1.8	22	58	49	43	37	25	17	15
8	0.58	183	2.7	e3.0	23	58	47	43	37	25	18	15
9	0.58	6.7	3.0	38	23	57	47	44	36	24	18	15
10	0.58	5.7	2.7	102	24	56	46	44	35	24	18	14
11	0.58	4.6	2.8	e57	139	58	46	44	35	24	18	14
12	0.58	3.6	2.5	e31	363	59	46	43	34	24	19	13
13	0.58	2.8	2.2	e24	85	59	46	43	34	24	21	14
14	0.58	2.2	1.8	e21	64	59	46	44	34	24	20	15
15	0.58	1.8	1.4	e21	63	57	46	43	33	24	20	15
16	0.58	1.5	1.2	e20	e61	57	46	43	33	23	20	15
17	0.58	1.3	1.8	e21	e60	58	46	43	33	23	19	15
18	0.58	1.2	2.2	e21	e100	57	45	43	33	23	19	15
19	0.58	1.2	1.7	e21	78	57	45	43	32	23	19	15
20	0.74	1.2	1.4	e21	207	57	44	44	32	21	19	15
21	12	0.91	1.2	e21	78	55	44	44	31	20	19	15
22	24	0.88	1.2	e21	104	54	44	44	31	21	18	15
23	0.94	0.80	1.2	e21	97	55	45	44	31	23	18	15
24	0.75	0.87	1.3	e21	69	54	45	44	31	23	18	15
25	0.62	0.91	1.4	e21	63	52	45	44	29	23	18	15
26	0.58	1.0	1.3	e21	e61	51	45	43	29	25	18	15
27	46	0.92	1.2	e21	e60	50	44	43	28	32	18	15
28	106	0.75	1.2	e21	e60	50	45	43	28	28	18	16
29	1.2	0.87	1.7	e21	---	50	44	42	28	29	18	15
30	1.2	1.2	1.4	e21	---	50	44	40	27	23	17	15
31	1.1	---	1.6	e21	---	49	44	40	---	17	17	---
TOTAL	206.15	233.41	48.78	643.4	2031	1730	1384	1340	1001	751	562	453
MEAN	6.65	7.78	1.57	20.8	72.5	55.8	46.1	43.2	33.4	24.2	18.1	15.1
MAX	106	183	3.0	102	363	60	49	44	39	32	21	17
MIN	0.58	0.75	0.76	1.6	20	49	44	40	27	17	16	13
MED	0.58	1.1	1.4	21	61	57	46	43	33	24	18	15
AC-FT	409	463	97	1280	4030	3430	2750	2660	1990	1490	1110	899

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	2.79	2.88	1.95	4.61	11.8	9.44	7.80	7.51	6.28	5.13	5.75	3.75
MAX	6.65	7.78	3.62	20.8	72.5	55.8	46.1	43.2	33.4	24.2	18.1	15.1
(WY)	2005	2005	1999	2005	2005	2005	2005	2005	2005	2005	2005	2005
MIN	0.98	0.85	0.75	0.69	0.74	0.78	0.65	0.65	0.64	0.67	1.01	0.59
(WY)	2003	2003	2003	2003	2003	2004	2004	2004	2004	2004	2004	2004

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1998 - 2005

ANNUAL TOTAL	743.48	10383.74										
ANNUAL MEAN	2.03	28.4										
HIGHEST ANNUAL MEAN												
LOWEST ANNUAL MEAN												
HIGHEST DAILY MEAN	183	Nov 8	363	Feb 12	363	Feb 12	2005					
LOWEST DAILY MEAN	0.43	Jul 14	0.58	Oct 1	0.43	Jul 14	2004					
ANNUAL SEVEN-DAY MINIMUM	0.54	Aug 5	0.58	Oct 1	0.54	Aug 5	2004					
ANNUAL RUNOFF (AC-FT)	1470		20600		4160							
10 PERCENT EXCEEDS	1.9		57		15							
50 PERCENT EXCEEDS	0.70		21		1.9							
90 PERCENT EXCEEDS	0.58		0.92		0.71							

e Estimated